

<u>ITEM</u>	<u>VALUE</u>
WETWELL DIAMETER (MIN. 8')	
ROHN 65G TOWER HEIGHT	
PUMP MAKE	
PUMP MODEL	
IMPELLER SIZE	
VOLTAGE	
PHASE	
HORSEPOWER	
RPM	
DISCHARGE FLOW RATE AT DISCHARGE HEAD	GPM @ TDH

NOTES:

- WET WELL LEVEL AND ALARMS TO BE CONTROLLED BY A FLOAT SYSTEM.
 THE PUMP STATION CONTROLS SHALL BE EQUIPPED WITH FOUR FLOATS;
 ONE EACH FOR LEAD PUMP, LAG PUMP, HIGH WATER ALARM AND PUMPS
- ALL POWER TO THE PUMP STATION SHALL BE 3 PHASE POWER. FOR PUMP STATIONS 10 HP AND LESS THE POWER MAY BE SINGLE PHASE.
 ALL HATCHES SHALL BE PROVIDED WITH OSHA APPROVED FALL SAFETY
- DEVICE—SEE DETAIL.
 4. INSTALL ALL JUNCTION BOXES EQUAL TO OR GREATER THAN 2 FEET
- ABOVE 100 YEAR WATER SURFACE ELEVATION.

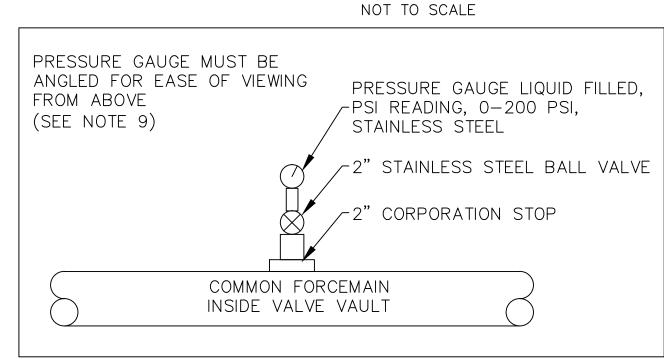
 5. PIPE STANCHIONS SHALL BE STAINLESS STEEL AND DESIGNED BY THE ENGINEER TO ADEQUATELY SUPPORT THE SIZE AND WEIGHT OF THE ELECTRICAL AND SCADA COMPONENTS MOUNTED TO THEM. ALL
- COMPONENTS SHALL BE MOUNTED USING 316 SS ANCHOR BOLTS.

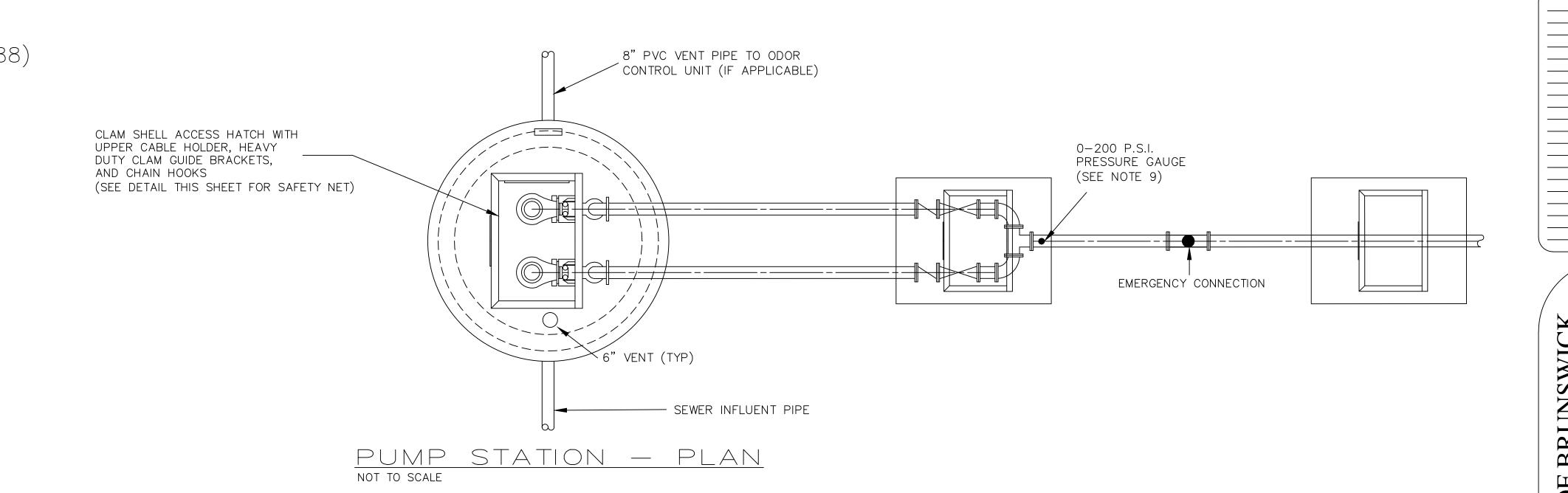
 6. ALL PUMP STATION CONTROL PANELS SHALL BE EQUIPPED WITH A TERMINAL BLOCK WITH DRY CONTACTS TO ALLOW CONNECTION TO SCADA CONTROL PANEL.
- 7. THE CONTRACTOR SHALL INSTALL A SCADA CONTROL PANEL PER
- BRUNSWICK COUNTY SPECIFICATIONS.

 8. INSTALL OUTSIDE WATERPROOF 120VAC OUTLET.(GFCI PROTECTED)
- 9. MOUNT A LIQUID FILLED PRESSURE GAUGE ON THE FORCE MAIN. IT SHALL BE LOCATED IN THE VALVE VAULT ON THE COMMON FORCE MAIN DOWNSTREAM OF THE TEE AND ORIENTED FOR EASE OF VIEWING FROM ABOVE
- 10. PUMP LIFTING CHAINS SHALL BE STAINLESS STEEL AND ALL FLANGE BOLTS SHALL BE 316 STAINLESS STEEL.
- 11. ALL DIP AND FITTINGS SHALL BE COATED ON THE OUTSIDE AND INSIDE PER BRUNSWICK COUNTY SPECIFICATIONS.
- 12. BRUNSWICK COUNTY MAY REQUIRE A PRESSURE TRANSDUCER IN ADDITION TO A PRESSURE GAUGE ON THE COMMON FORCE MAIN INSIDE THE VALVE
- VAULT (SEE DETAIL ON SHEET 4 OF 4).

 13. BRUNSWICK COUNTY MAY REQUIRE A FLOW METER VAULT. MINIMUM SIZE IS 6'X6'.

FORCE MAIN PRESSURE GAUGE DETAIL





Revisions

PUMP STATION DETAILS OR SMALLER PUMP STA' FOR

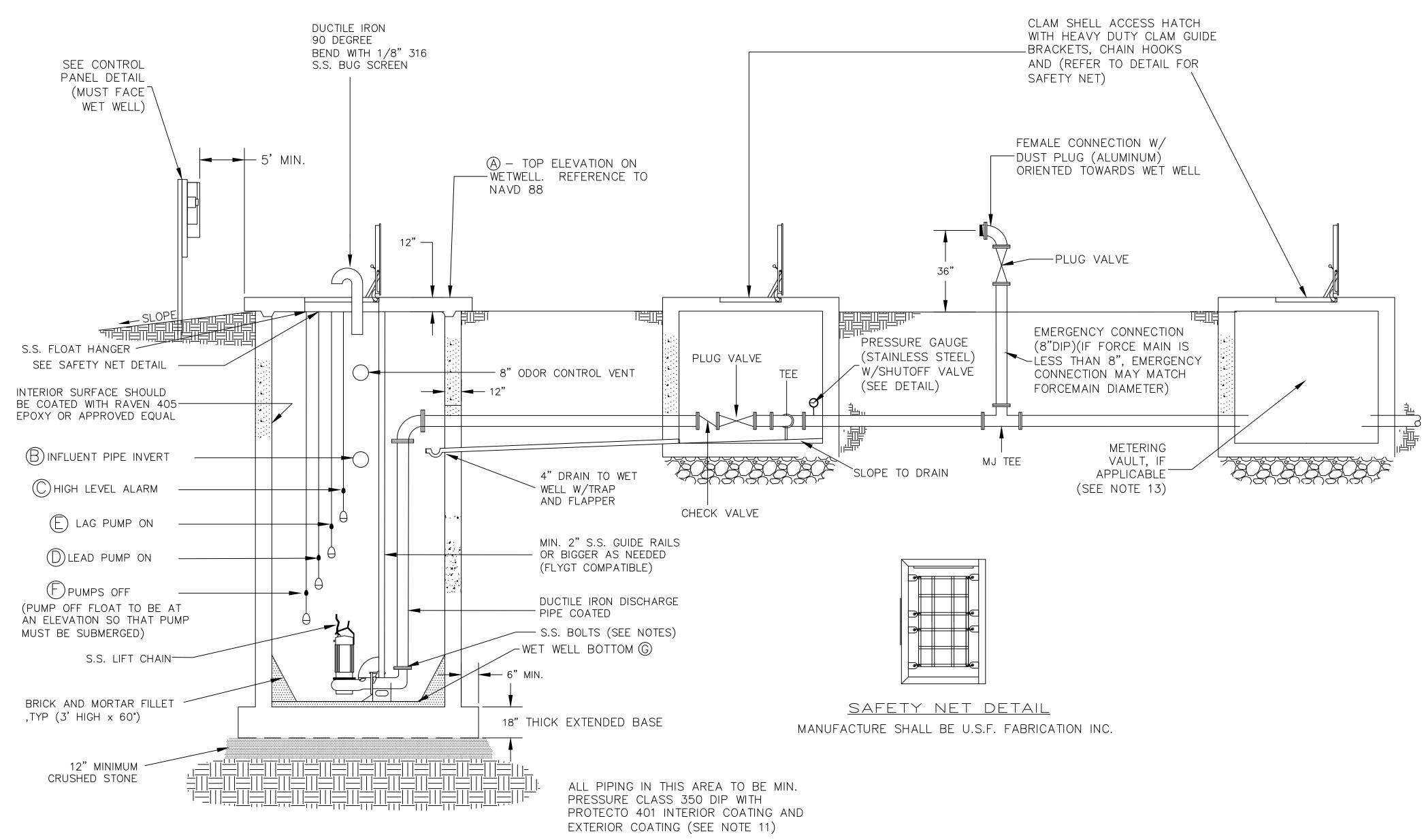
Date: <u>05-24-12</u>

Scale: NTS

Drawn By: JDM

Checked By: WLP

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PUMP STATION — SECTION

NOT TO SCALE